FORM PTO-1449	U. S DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO.	SERIAL NO.
		U 013614-4	09/970,616

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

(Use several sheets if necessary)

OIPE JAN 08 2002 JC48 PATENT & TRADEMARK OFFICE

APPLICANT
Jerome Souppe, et al

FILING DATE	GROUP
October 4, 2001	1761

REFERENCE DESIGNATION   U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER							DATE	NAME	CLASS	SUB-CLASS	FILING DATE IF APPROPRIATE
KH	AA	6	2	6	5	0	0	0	7/2001	Shimamura, et al	426	16	
	AB												
	AC												
	AD												
	AE												
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	AH												
	AI												
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FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION	
							YES	NO
	AL							
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	AN							
	AO							
	AP							

OTHER ART   (Including Author, Title, Date, Pertinent Dates, Etc.)

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		SOUPPE, Jerome et al.	
	(Use several sheets if necessary)	FILING DATE	GROUP
			1761

REFERENCE DESIGNATION — U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
KU	AA	5 4 8 7 9 8 9	01/1996	Fowker et al.	435	165	
	AB	3 7 1 6 3 6 5	02/1973	Walmsley et al.	99	51	
KU	AC	5 8 6 6 5 2 6	2/1999	Olsen et al	510	392	
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		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES	NO
KU	AL	2 7 5 7 0 4	01/1990	DD				X
	AM	0 4 4 9 3 7 6	10/1991	EP				
	AN	9 6 2 9 4 1 6	09/1996	WO				
	AO	3 2 0 7 6 7 6	10/1982	DE				X
	AP	2 2 2 7 9 7 6	01/1974	DE				X

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KU	AR	Jensen L.G. et al. "Transgenic barley expressing a protein-engineered, thermostable (1,3-1,4)-beta-glucanase during germination" Proc. Natl. Acad. Sci. USA, vol. 93 (April 1996), pp. 3487-3491
	AS	Pet, J. et al. "Production of Active Bacillus Licheniformis Alpha-Amylase in Tobacco and Its Application in Starch Liquefaction" Biotechnology, vol. 10 (March 1992), pp. 292-296.
	AT	Herbers, K. et al. "A Thermostable Xylanase from Clostridium thermocellum Expressed at High Levels in the Apoplast of Transgenic Tobacco Has No Detrimental Effects and Is Easily Purified." Bio/Technology, vol. 13 (January 1995), pp.63-66.

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𝐴𝐻	AL	0	2	2	7	1	5	9	07/1987	EP				
	AM	9	6	0	6	9	3	5	03/1996	WO				
	AN	9	0	0	9	4	3	6	08/1990	WO				
	AO	0	4	7	9	3	5	9	04/1992	EP				
	AP	9	7	4	2	3	0	1	11/1997	WO				

OTHER   ART   (Including Author, Title, Date, Pertinent Dates, Etc.)

	AR	Vickers, J. E. et al. "Assessment of Bacillus lichenformis α-Amylase as a Candidate Enzyme for Genetic Engineering of Malting Barley" J. Inst. Brew., vol. 102 (March-April, 1996), pp. 75-78
	AS	Vickers, J.E. et al. "Thermostable Alpha-Amylase Cloned for Genetic Transformation of Barley" Aust. Soc. Biochem Mol. Biol., vol. 26 (1994) ,COL-5-4
	AT	McElroy, D. et al. "What's Brewing in Barley Biotechnology?" Bio/Technology, vol 13 (March 1995) pp. 245-249.

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		DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
✗	AL	1	4	4	2	4	0	2	07/1976	GB			
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	AN												
	AO												
	AP												

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